

# 201810 Hurricane Michael Data Sources

## Geospatial Information and Remotely Sensed Imagery Products

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October-12-2018

### Catalog Info

Hazards Data Distribution System (HDDS)

Select Event: '201810\_Hurricane\_Michael' -> click on '+' and then 'Search'

Download Shapefiles for image footprints

[https://hddsexplorer.usgs.gov/data/list/disaster/201810\\_Hurricane\\_Michael/shapefiles/index](https://hddsexplorer.usgs.gov/data/list/disaster/201810_Hurricane_Michael/shapefiles/index)


More information about HDDS: <http://hdds.usgs.gov/hazards-data-distribution-system-hdds>


**HDDS Emergency Operations - Collection Management Tool** (area of interest for disaster imagery collections) *Request new disaster related imagery here.*

<http://cmt.usgs.gov/>

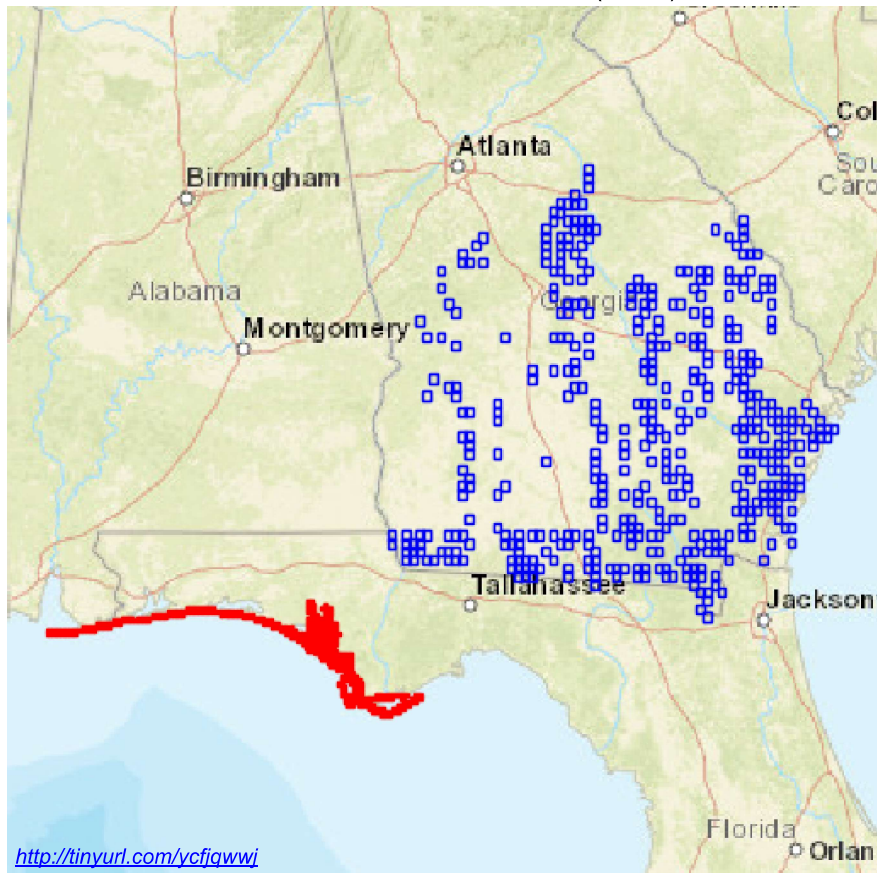
**NOTE:** We have changed the method for symbology of the image footprints.

We now highlight new image footprints as **red** or **blue**, where red reflects the newest footprints from the last 48 hours and **blue** reflects footprints from the last 7 days.

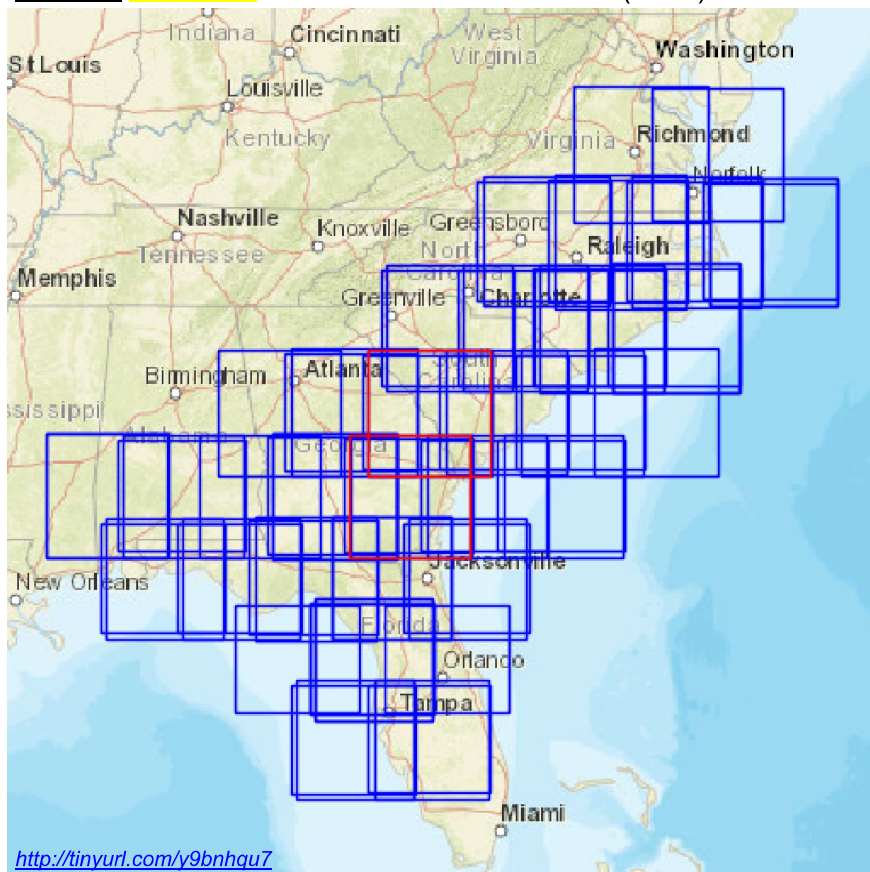
 New footprints from the past 48 hours

 Footprints from the last 7 days

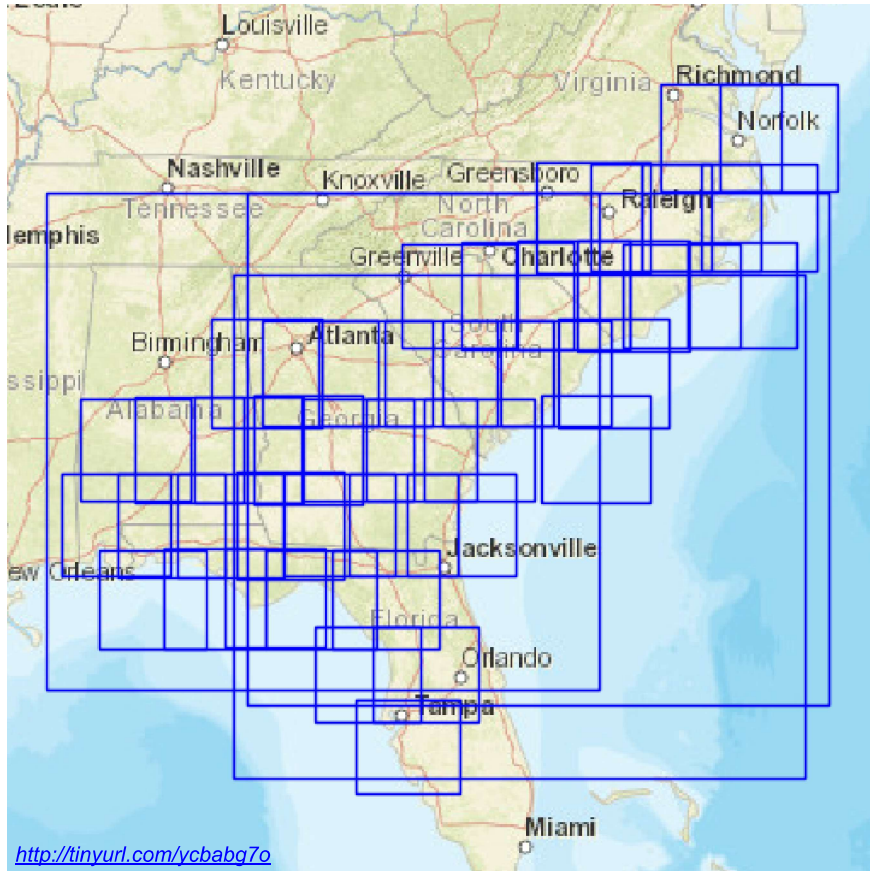
Platform: **AERIAL** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



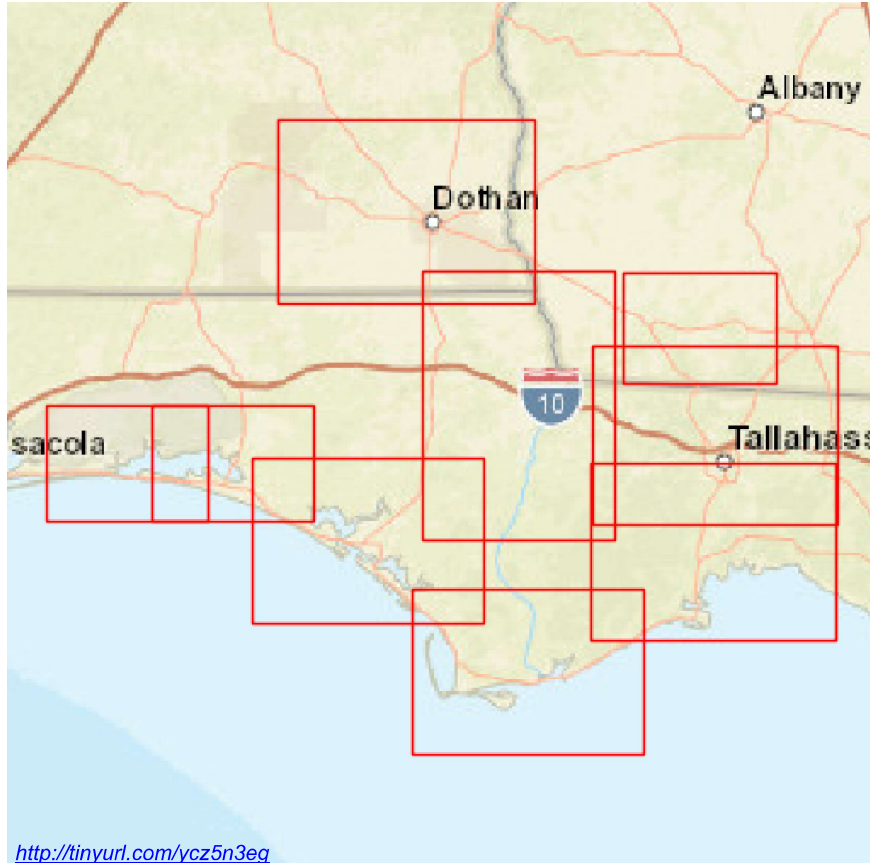
Platform: **LANDSAT** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **IRS** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **MAP\_PRODUCTS** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))

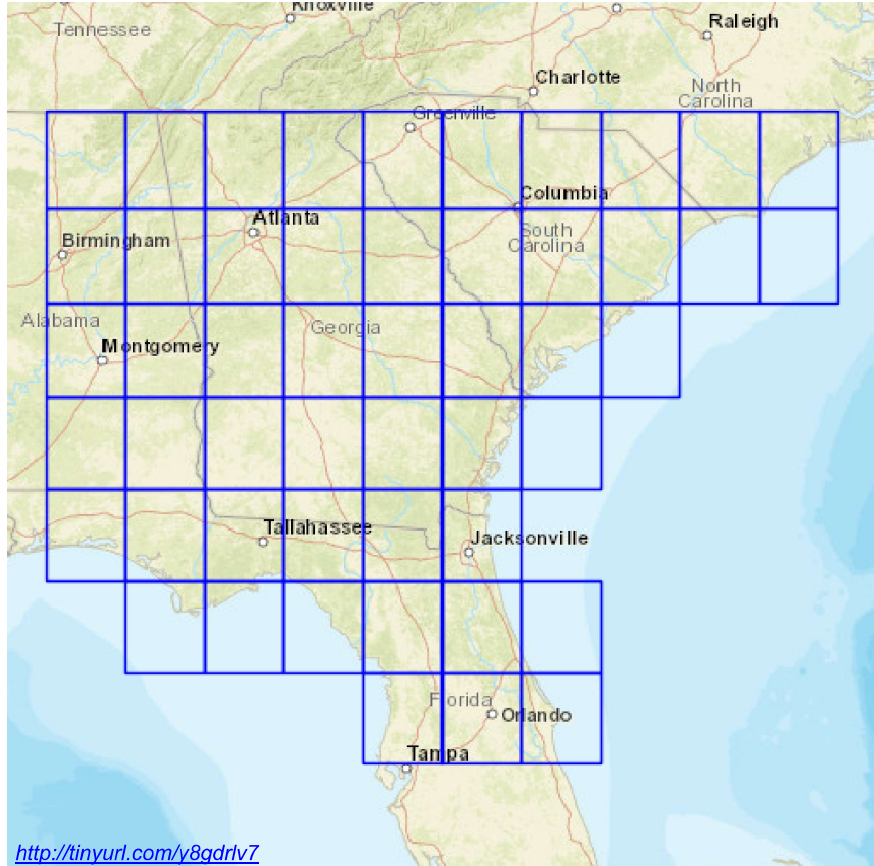




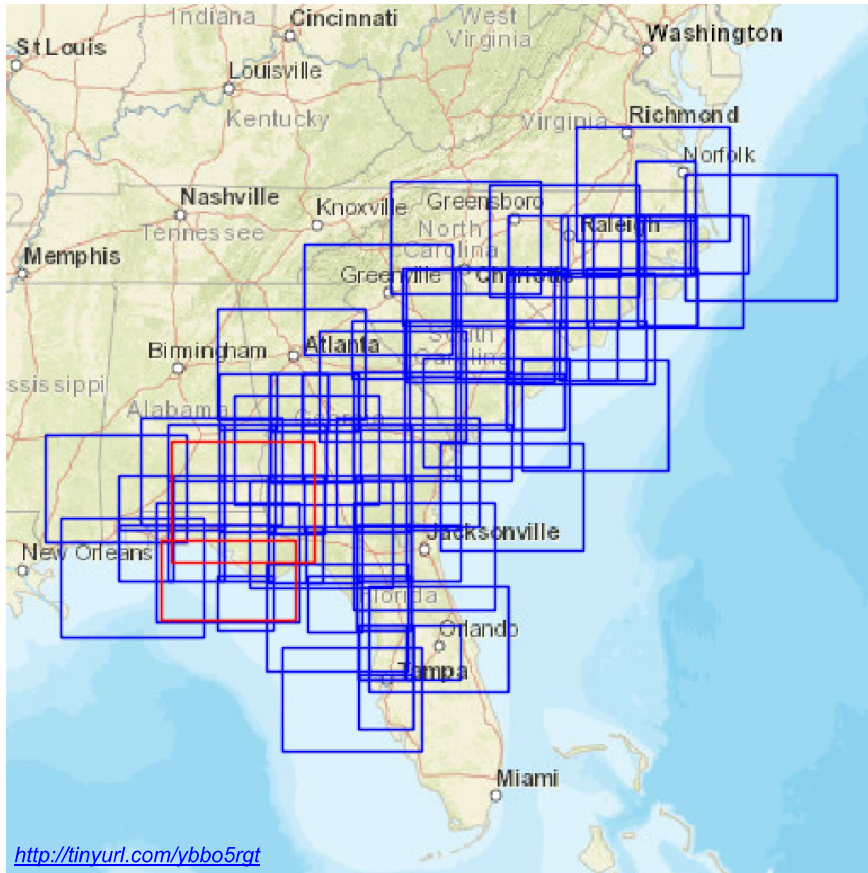
Platform: **REPORTS** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **DEM** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **SENTINEL** scenes from the **last 48 hours** (in red) and from the **last 7 days** (in blue) ([view in Voyager](#))



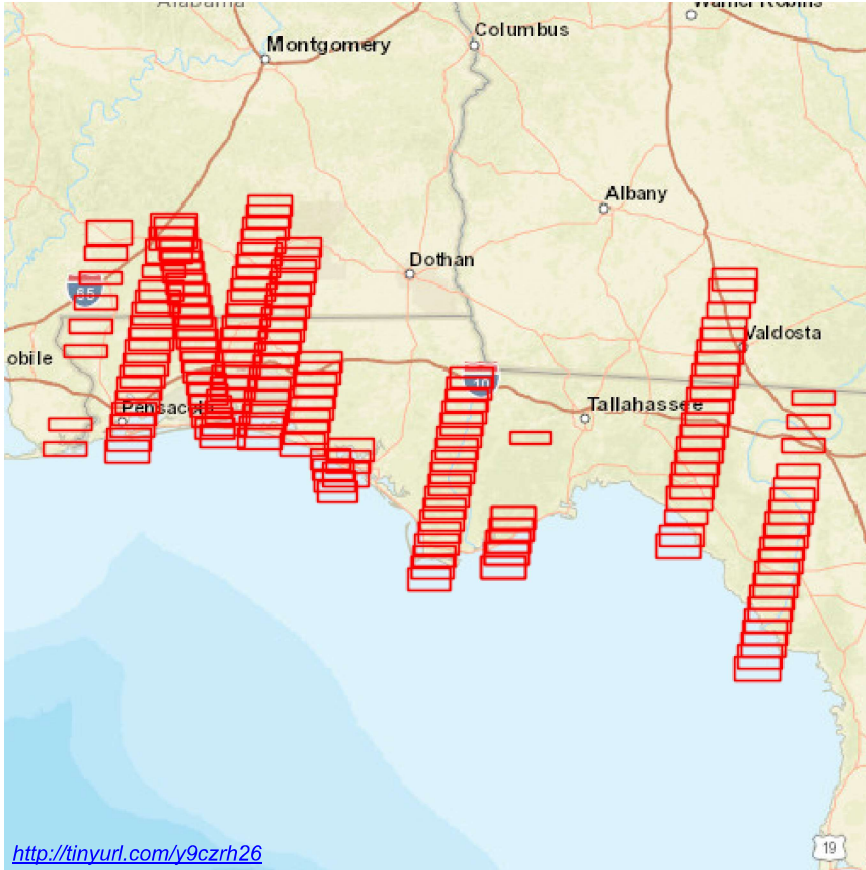
## HDDS Restricted

If you have not registered on either EarthExplorer or HDDS, click the register button in the top right corner of the screen and go thru the registration process. Once registered, you will have access to EarthExplorer and HDDS download capabilities. The first time you attempt to download restricted imagery, you will need to fill out an access request form for that event. Click on 'Access' (upper right of HDDS screen), then select 'To request access to restricted data click here'. Select event from menu. Once granted access, you can download restricted imagery. (note: in most cases the restricted area contains licensed imagery, not all requests can be granted.)

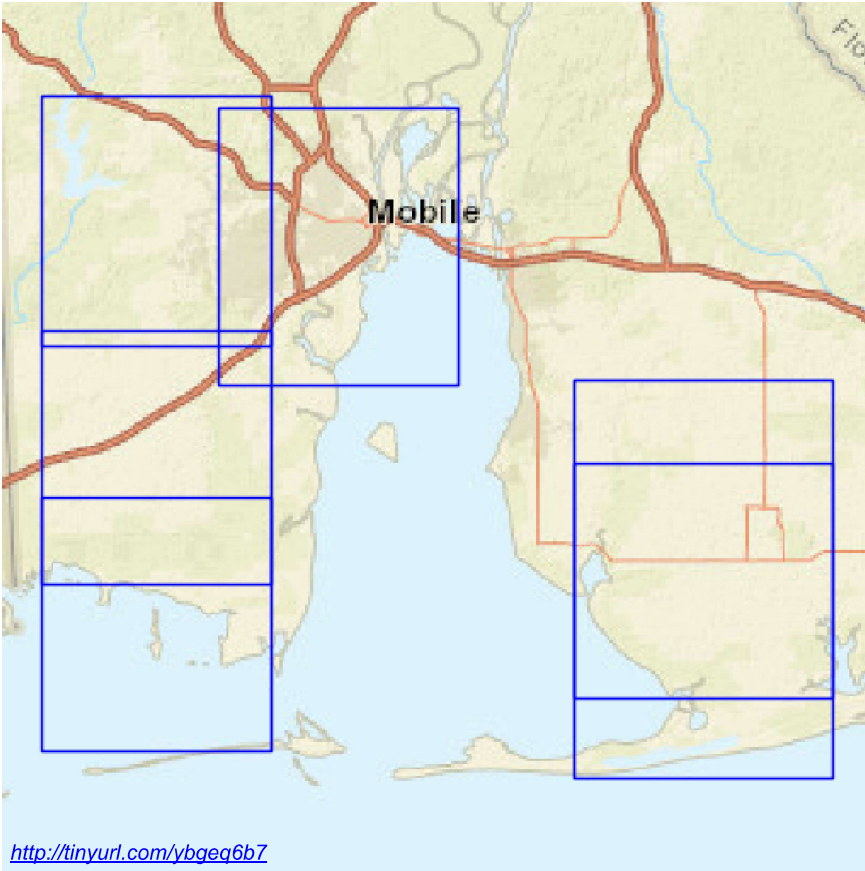
### Request access:

[https://hddsexplorer.usgs.gov/access/request?event=201810\\_Hurricane\\_Michael](https://hddsexplorer.usgs.gov/access/request?event=201810_Hurricane_Michael)

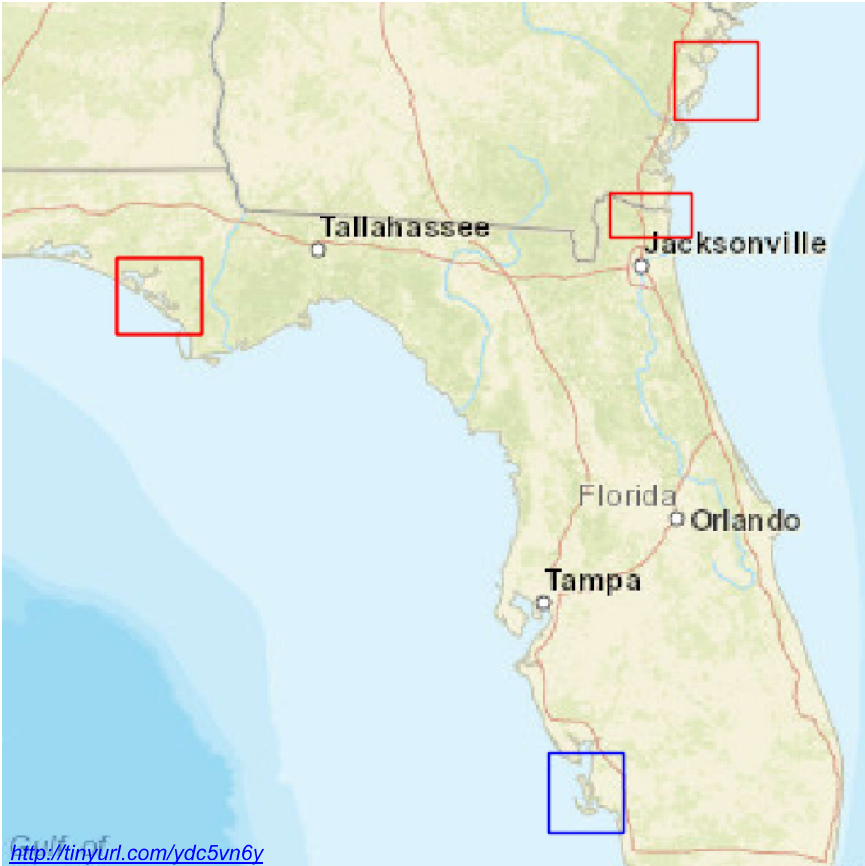
Platform: **PLANET** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **PLEIADES** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **SPOT** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))

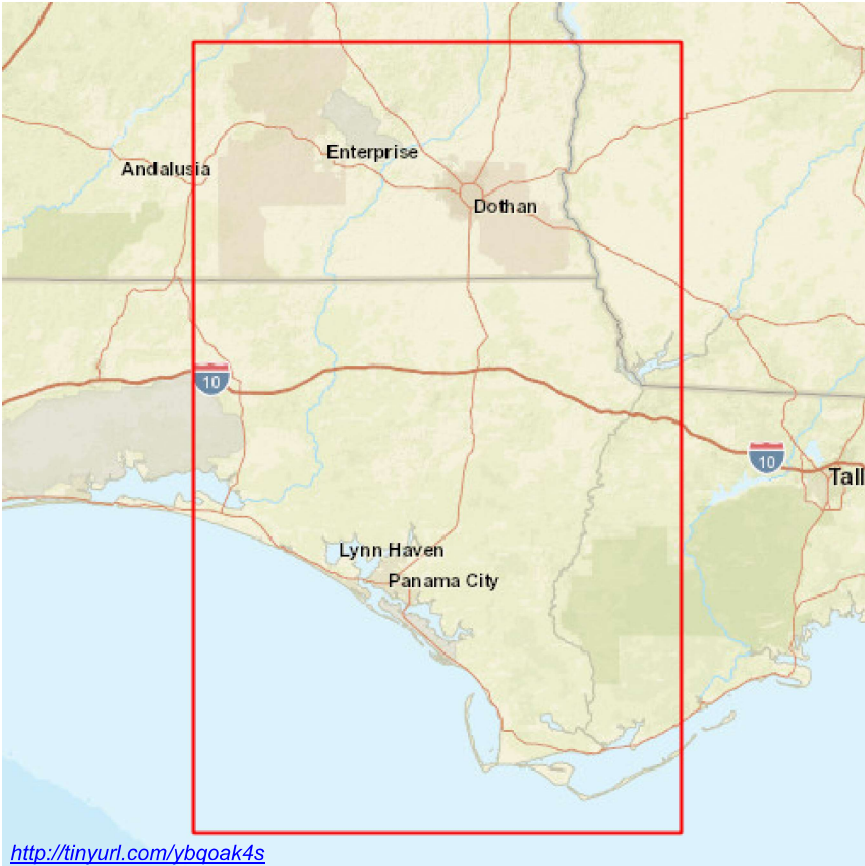




Platform: **MAP\_PRODUCTS** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



Platform: **TERRASARX** scenes from the last 48 hours (in red) and from the last 7 days (in blue) ([view in Voyager](#))



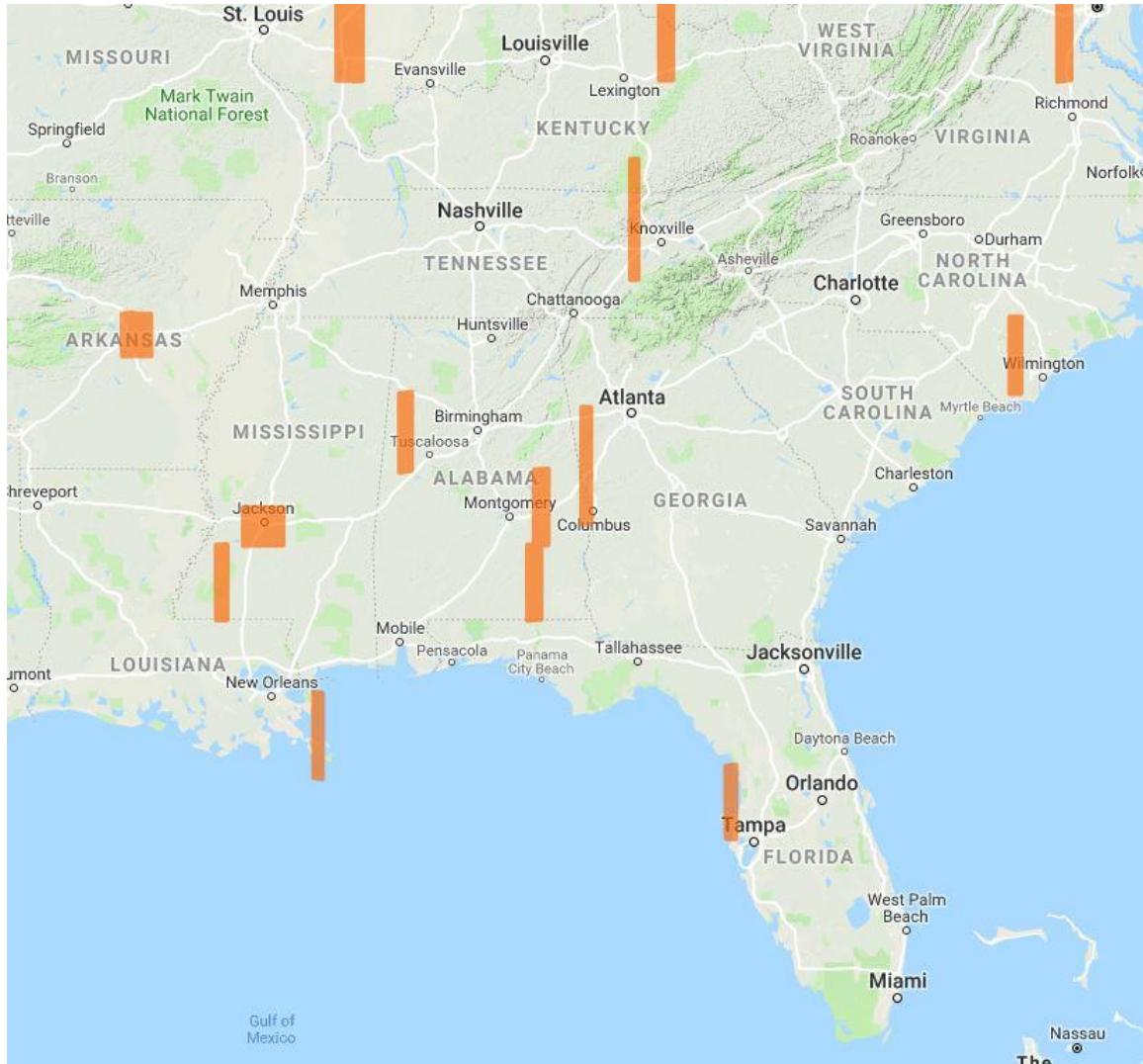
End HDDS

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## Digital Globe Imagery


Digital Globe imagery is available orthorectified in the NGA funded EnhancedView Web Service. Users with .gov or .mil emails can self-register. <https://ewwhs.digitalglobe.com/myDigitalGlobe/>



## Eagle Vision

<http://dev.evr2est.us/scenes/table> and <http://evr2est.us/>

TSX\_SAR\_OTHERM\_20181012\_EV6\_TSX1\_SAR\_GEC\_RE\_\_SC\_S\_SRA\_20181012T113407\_201810\_Perry\_US



Site	Eagle Vision 6	Platform	TSX	Download JP2000
Serial Number	12Oct1812333	Image Type	Panchromatic	Download MrSID
License	Disaster Relief	GSD	OTHER m	Download KML
Mission	Perry	Acquisition Date	12Oct18 - 0130	
	POST_HURRICANE_MICHAEL		America/Chicago	
	FL US			

### TSX\_SAR\_OTHERM\_20181012\_EV6\_TSX1\_SAR\_EEC\_RE\_\_SC\_S\_SRA\_20181012T113407\_201810\_Perry\_US

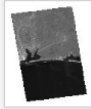


Site Eagle Vision 6  
Serial Number 12Oct1812332  
License Disaster Relief  
Mission Perry  
POST\_HURRICANE\_MICHAEL  
FL US

Platform TSX  
Image Type Panchromatic  
GSD OTHER m  
Acquisition Date 12Oct18 - 0130  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### TSX\_SAR\_OTHERM\_20181011\_EV6\_TDX1\_SAR\_GEC\_RE\_\_SC\_S\_SRA\_20181011T235827\_201810\_Fort\_Walton\_Beach\_US

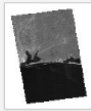


Site Eagle Vision 6  
Serial Number 12Oct1812334  
License Disaster Relief  
Mission FORT\_WALTON\_BEACH  
POST\_HURRICANE\_MICHAEL  
FL US

Platform TSX  
Image Type Panchromatic  
GSD OTHER m  
Acquisition Date 12Oct18 - 0130  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### TSX\_SAR\_OTHERM\_20181011\_EV6\_TDX1\_SAR\_EEC\_RE\_\_SC\_S\_SRA\_20181011T235827\_201810\_Fort\_Walton\_Beach\_US



Site Eagle Vision 6  
Serial Number 12Oct1812331  
License Disaster Relief  
Mission FORT\_WALTON\_BEACH  
POST\_HURRICANE\_MICHAEL  
FL US

Platform TSX  
Image Type Panchromatic  
GSD OTHER m  
Acquisition Date 12Oct18 - 0130  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### SP7\_Multispectral\_6M\_20181011\_EV4\_ORTHO\_TYNDALL\_AFB\_FL\_US



Site Eagle Vision 4  
Serial Number 11Oct1812326  
License Disaster Relief  
Mission Tyndall\_AFB  
POST\_HURRICANE\_MICHAEL  
FL US

Platform SPOT 7  
Image Type Multispectral  
GSD 6 m  
Acquisition Date 11Oct18 - 1054  
America/Chicago

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### SP7\_Pansharpened\_1\_5M\_20181011\_EV4\_ORTHO\_TYNDALL\_AFB\_FL\_US



Site Eagle Vision 4  
Serial Number 11Oct1812325  
License Disaster Relief  
Mission Tyndall\_AFB  
POST\_HURRICANE\_MICHAEL  
FL US

Platform SPOT 7  
Image Type Multispectral  
GSD 1\_5 m  
Acquisition Date 11Oct18 - 1054  
America/Chicago

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### SP7\_Pan\_1\_5M\_20181011\_EV4\_ORTHO\_TYNDALL\_AFB\_FL\_US



Site Eagle Vision 4  
Serial Number 11Oct1812327  
License Disaster Relief  
Mission Tyndall\_AFB  
POST\_HURRICANE\_MICHAEL  
FL US

Platform SPOT 7  
Image Type Panchromatic  
GSD 1\_5 m  
Acquisition Date 11Oct18 - 1054  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### SP7\_Pansharpened\_1\_5M\_20181011\_EV6\_ORTHO\_16B\_Yulee\_US\_47



Site Eagle Vision 6  
Serial Number 11Oct1812329  
License Disaster Relief  
Mission Yulee  
POST\_HURRICANE\_MICHAEL  
FL US

Platform SPOT 7  
Image Type Multispectral  
GSD 1\_5 m  
Acquisition Date 11Oct18 - 1053  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### SP7\_Pansharpened\_1\_5M\_20181011\_EV6\_ORTHO\_16B\_Liberty\_US\_45



Site Eagle Vision 6  
Serial Number 11Oct1812328  
License Disaster Relief  
Mission Liberty  
POST\_HURRICANE\_MICHAEL  
GA US

Platform SPOT 7  
Image Type Multispectral  
GSD 1\_5 m  
Acquisition Date 11Oct18 - 1053  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### TSX\_SAR\_OTHERM\_20181011\_EV6\_TDX1\_SAR\_\_GEC\_RE\_\_SC\_S\_SRA\_20181011T115110\_201810\_Panama\_City\_U



Site Eagle Vision 6  
Serial Number 11Oct1812324  
License Disaster Relief  
Mission Panama\_City  
POST\_HURRICANE\_MICHAEL  
FL US

Platform TSX  
Image Type Panchromatic  
GSD OTHER m  
Acquisition Date 11Oct18 - 0247  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)

### TSX\_SAR\_OTHERM\_20181011\_EV6\_TDX1\_SAR\_\_EEC\_RE\_\_SC\_S\_SRA\_20181011T115110\_201810\_Panama\_City\_U



Site Eagle Vision 6  
Serial Number 11Oct1812323  
License Disaster Relief  
Mission Panama\_City  
POST\_HURRICANE\_MICHAEL  
FL US

Platform TSX  
Image Type Panchromatic  
GSD OTHER m  
Acquisition Date 11Oct18 - 0245  
America/Chicago

[Download JP2000](#)[Download MrSID](#)[Download KML](#)



Additional map services and journals:

**[NEW] NOAA Hx Michael Emergency Response Imagery Available 10/11/2018**

Data were collected along the coast from Mobile Bay to St. George Island, FL and over Panama City, FL.

Viewer:

<https://storms.ngs.noaa.gov/storms/michael/index.html#8/30.209/-85.611>

WMTS:

<https://storms.ngs.noaa.gov/storms/tilesj/services/tilesserver.php/wmts>

Mosaic TIFF:

[https://ngsstormviewer.blob.core.windows.net/downloads/20181011a\\_RGB.tar](https://ngsstormviewer.blob.core.windows.net/downloads/20181011a_RGB.tar)

Raw JPEGs (may be suitable for SFM along the outer coast):

[https://ngsstormviewer.blob.core.windows.net/downloads/20181011a\\_jpgs.tar](https://ngsstormviewer.blob.core.windows.net/downloads/20181011a_jpgs.tar)

**[NEW] NASA Disasters GIS Portal:**

<https://maps.disasters.nasa.gov/arcgis/apps/PublicGallery/index.html?appid=026094d65f784548a0d46e0daeb8445f>

**FEMA Hurricane Journal and Map Services:**

<https://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=97f53eb1c8724609ac6a0b1ae861f9b5>

**FEMA GIS Portal:**

<https://fema.maps.arcgis.com/apps/MinimalGallery/index.html?appid=6bd1d3fa669343eb87bf7a8a15f028c0>

**FEMA SFTP Public Data Site – Hurricane Michael:**

<https://disasters.geoplatform.gov/publicdata/NationalDisasters/HurricaneMichael/>

**NHC GIS Data:**

<https://www.nhc.noaa.gov/gis/>

**Hurricane Michael response: Google Crisis Map**

[Credit should be provided as "Google, Inc. 2018"]

<http://google.org/crisismap/google.com/2018-michael>

**Send comments, additions, and corrections to:**

Ran Goldblatt and Brooke Hatcher

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[brooke.hatcher@associates.fema.dhs.gov](mailto:brooke.hatcher@associates.fema.dhs.gov)

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